

In the claims:

Please substitute the following full listing of claims for the claims as originally filed or most recently amended. The requested amendments as set forth below assume non-entry of the amendments requested in the amendment filed March 14, 2005, as indicated in the Advisory Action mailed March 24, 2005.

1. (Currently Amended) A method of pre-processing image data, said method including steps of
buffering and applying luminance and chrominance data of consecutively presented lines of data to respective data inputs of a filter, and
applying hybrid filter coefficients to said filter ~~to for~~ for concurrently and simultaneously filtering said luminance and chrominance data to obtain concurrently and simultaneously develop vertically spatially filtered and chrominance converted data, and
removing alternate lines of said chrominance converted data,
wherein said filtering comprises steps of
multiplying said luminance and chrominance data by said hybrid filter coefficients for respective ones of said consecutively presented lines to produce weighted luminance and chrominance values, and
summing said weighted luminance and chrominance values.

2. (Original) A method as recited in claim 1, wherein said consecutively presented lines are lines of a progressive scan format.

3. (Original) A method as recited in claim 1, wherein said consecutively presented lines are lines of an odd field or an even field of an interlaced scan format.

4. (Original) A method as recited in claim 3, further including a step of

altering said hybrid filter coefficients for respective ones of said odd field and said even field.

5. (Canceled)

6. (Canceled)

7. (Currently Amended) A pre-processing circuit for image data including

a buffer for storing said consecutive lines of said image data and outputting said image data to said filter,

a filter having inputs to receive luminance and chrominance data corresponding to consecutive image data lines, and said filter including

means for multiplying said luminance and chrominance data by said hybrid filter coefficients for respective ones of said consecutively presented lines to produce weighted luminance and chrominance values,
and

means for summing said weighted luminance and chrominance values, and

means for applying hybrid filter coefficients to said filter such that vertically spatially filtered and chrominance converted data are concurrently and simultaneously developed by said filter, and

means for sub-sampling said chrominance converted data.

8. (Canceled)

9. (Original) A pre-processing circuit as recited in claim 7, wherein said consecutive image data lines correspond to a progressive scan format.

10. (Original) A pre-processing circuit as recited in claim 7, wherein said consecutive image data lines correspond to an odd field or an even field of an interlaced scan format.

11. (Original) A pre-processing circuit as recited in claim 10, further including
means for altering said hybrid filter coefficients for respective ones of said odd field and said even field.

12. (Canceled)